

**Notice of Allowability**

Application No.

10/790,644

Examiner

Chuc D. Tran

Applicant(s)

ROACH, PETER O.

Art Unit

2821

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to December 27, 2006.
2. ☒ The allowed claim(s) is/are 1,3,4,6-10,12,13,15-18,20-31,33-40,42,57-61 and 63-70 CT
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

*Shih-Chao Chen*  
**SHIH-CHAO CHEN**  
PRIMARY EXAMINER

## DETAILED ACTION

### *Drawings*

1. The drawings were received on March 01, 2004. These drawings are accepted.

### *Allowable Subject Matter*

2. Claims 1, 3-4, 6-10, 12-13, 15-18, 20-31, 33-40, 42, 57-61, 63-79 are allowed.
3. The following is an examiner's statement of reasons for allowance:

Prior art fails to disclose or suggest in combination with the remaining claimed limitations: a support tube configured to be removably attached to at least a portion of the housing above the recess channel and for fitting over the fluorescent lamp such that the housing is mounted to the fluorescent lamp; and wherein at least a portion of the support tube is at least partially transparent in claim 1; claims 3-4, 6-10 and 12 are allowed since they are dependent on claim 1.

Prior art fails to disclose or suggest in combination with the remaining claimed limitations: a support tube configured to be removably attached to at least a portion of the housing; and wherein the support tube fits over the fluorescent lamp and attaches to the housing generally above the recess channel so as to suspend the wireless network component below the fluorescent lamp in claim 13; claims 15-18 and 20 are allowed since they are dependent on claim 13.

Prior art fails to disclose or suggest in combination with the remaining claimed limitations: (a) one or more power coupling pin protruding from one side of the housing and configured to be inserted into a first receptacle within a fluorescent light fixture that would otherwise receive one or more pin of a fluorescent lamp; (b) one or more fluorescent lamp pin connector located on an opposite side of the housing and electrically connected to the one or

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more power coupling pin, wherein the one or more fluorescent lamp pin connector is configured to receive the one or more pin of the fluorescent lamp in claim 21; claims 22-30 are allowed since they are dependent on 21.

Prior art fails to disclose or suggest in combination with the remaining claimed limitations: a method for mounting the housing to the fluorescent lamp using a support tube that fits over the fluorescent lamp and removably attaches to at least a portion of the housing generally above said recess channel in claim 31; claims 33-40 and 42 are allowed since they are dependent on 31.

Prior art fails to disclose or suggest in combination with the remaining claimed limitations: (a) one or more power coupling pin protruding from one side of the housing and configured to be inserted into a receptacle within a fluorescent light fixture that would otherwise receive one or more pin of a the fluorescent lamp; (b) one or more fluorescent lamp pin connector located on an opposite side of the housing and electrically connected to the one or more power coupling pin, wherein the one or more fluorescent lamp pin connector is configured to receive the one or more pin of the fluorescent lamp; (c) a support tube attached to at least a portion of the housing; and (d) the support tube fits over the fluorescent lamp and attaches to the housing so as to mount the housing to the fluorescent lamp in claim 57; claims 58-61 are allowed since they are dependent on 57.

Prior art fails to disclose or suggest in combination with the remaining claimed limitations: a support tube configured to be attached to at least a portion of the housing above the recess channel and for fitting over the fluorescent lamp such that the housing is mounted to the fluorescent lamp in claim 63; claims 64-71 are allowed since they are dependent on 63.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

***Inquiry***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Chuc D. Tran whose telephone number is (571) 272-1829. The examiner can normally be reached on M-F Flex hours.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Douglas W. Owens can be reached on (571) 272-1662. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

TC  
February 27, 2007

  
SHIH-CHAO CHEN  
PRIMARY EXAMINER